

are chiefly weekly, so that they are no sooner in than, finding the evil, they quit. Not so with the tenant of the house; he is booked for a year certain, or if he have taken a lease, he must stop the term, or transfer the lease to whomsoever he can get to take it, with all the benefits belonging to the same. Or, as is the case in many instances, it makes a rogue of a once honest man.—I am, Sir, &c.,
J. S.

•• We have received several urgent complaints against the state of the drains in the neighbourhood of Lincoln's-inn-fields.

Miscellaneous.

THE CATHEDRAL AND PARISH CHURCH OF ST. JOHN'S, ANTIGUA.—The ceremony of laying the corner stone was performed on the 9th of October, by his Excellency Sir Charles Fitzroy, the Governor-in-chief of Antigua, in the presence of a large attendance, including many persons of distinction. *Felix Farley* gives an extract from the *Antigua Mirror*, saying that the cathedral will be in the form of a cross, and equal to accommodate 2,200 persons. The entire length, 156 feet from east to west, and 50 feet in width. The length of the transept, 104 feet from north to south, and width 46 feet. Two towers will be erected at the west end, each 70 feet high, crowned with cupolas. The interior ceilings of the aisles will be flat and panelled, and that over the nave will be coved and panelled, and supported by 64 columns and pilasters; the height of ceiling 30 feet. The building will be of freestone, with an inside frame of hard wood, lined with pitch pine, the whole of which will be varnished. The windows will be glazed with stained glass; the seats will be of pitch pine; the pulpit, lectern, bishop's throne, and stalls will be of mahogany; the style of architecture, Roman. It is the opinion of Mr. T. Fuller, the architect (son of Mr. Fuller, of Bath), that should nothing impede the progress of the work, the building will be ready for consecration in two years from the present time. The building committee wisely imported twelve carpenters and eight masons from England, by whose assistance the work will be much accelerated. The workmen employed amount to 170, and are under the superintendence of Mr. W. Ruze, of Bristol, clerk of the works.

THE CATHEDRAL AT FREDERICTON, NEW BRUNSWICK.—The Bishop of Fredericton, on the occasion of laying the foundation-stone of the Cathedral at Fredericton, writes as follows:—"In ancient times the cathedrals of Old England, which are still the glory and ornament of that country, and are now more visited and admired than ever, were built by the bishops of the respective sees, assisted by the multitude of the faithful, who rejoiced to pour their offerings into the treasury of God. In faith the work was begun; the builders died, and left their work unfinished, but others took it up, and by God's help brought it to an end. But the colonies of England, though everywhere dispersed, knew no such glory; and for a long season the gathering in of the 'unrighteous mammon' seemed to be the sole end of colonization. At length the note of preparation is heard, and in more than one colony God's servants think upon the stones of His Church, and 'it pitieth them to see her in the dust.' New Brunswick is one of the first colonies in which the foundation-stone has been actually laid; an event the more remarkable, when we reflect that no such work has been begun since the Norman conquest, that is, for the last 700 years; a work in which the goodness of God is manifestly made known towards us." The day on which this occurrence took place was the 15th of October, and nearly 3,000 persons took part in it.

BRIDGEWATER HOUSE.—We understand that the rebuilding of Lord Francis Egerton's mansion, in Cleveland-square, formerly belonging to the late Duke of Bridgewater, is to be commenced early in next March. Mr. Barry, the architect of the new Houses of Parliament, is intrusted with the erection, that gentleman having designed the plan of the intended new mansion. A paragraph has lately appeared in a morning paper, asserting that the Hon. Mr. Liddell, son of Lord Ravensworth, was the architect. Such, however, is not the fact, that gentleman having only made a model some years back, which was not adopted.—*Herald*.

ENGINEERS' ALMANACK.—Simpkin and Marshall have just published for the author, Mr. Jabez Hare, a very useful illustrated sheet almanack, containing, in addition to the usual information of the calendar, a variety of engineering statistics, of considerable importance, and which will be most useful for reference—such as a table to find the areas and circumference of any circle, from 1 to 100 inches, of which the diameter is given; a table of the pitch of wheels, breadth, and thickness of teeth, and strength in number of horses' power, going at the rate of three, four, six, and eight feet per second; a table for calculating the pitch of a toothed wheel, when the radius and number of teeth are given. Specific gravity, strength, cohesiveness, stiffness, and resilience of various woods from Tredgold. Hardness and specific gravity of various stones, weight of iron, number of bricks to any piece of work, relative value of British and foreign road measures, expansion of air and water by heat, &c.

VACANT DISTRICT SURVEYORSHIP.—A vacancy has occurred in the district of Shore-ditch and Norton Falgate in consequence of the death of Mr. Matthew Warton. Two candidates are already in the field, viz. Mr. Robert Warton, son of the deceased gentleman, and Mr. H. E. Kendall, the present surveyor of the district of St. Martin's-in-the-Fields, and St. Anne, Soho.

GREYFRIAR'S CHURCH, EDINBURGH.—The restoration of the new Greyfriar's Church, Edinburgh, is being proceeded with.

Tender.

For building a Fever Hospital in the Land of Promise, Hoxton, for the parochial authorities of St. Leonard's, Shoreditch; Mr. Wm. Tress, architect.

Turner.....	£ 2,500
Trego.....	2,268
Henry Johnson.....	2,256
Gerry.....	2,187
Norris.....	2,177
Jay.....	2,169
Smith.....	2,130
Wood.....	2,095
Lawrence.....	2,094
Messer.....	2,092
Barr.....	2,080
Cortis.....	2,044
Reeves.....	2,003
Cotsworth.....	1,998
Ward and Son.....	1,994
Hatswell.....	1,951
Cooper.....	1,947
Ed. Carter.....	1,918

The lowest tender was accepted.

NOTICES OF CONTRACTS.

[We are compelled by the interference of the Stamp Office to omit the names of the parties to whom tenders, &c., are to be addressed. For the convenience of our readers, however, they are entered in a book, and may be seen on application at the office of "The Builder," 2, York-street, Covent-garden.]

For performing the bricklayer's, carpenter's, slater's, plumber's, painter's, and glazier's work at the St. Marylebone Workhouse for the year ensuing. For the execution of works on the Newcastle and Darlington Junction Railway, being a length of about 3 miles; also for an extension of the same line to Monkwearmouth, being about three-quarters of a mile in length.

For the execution of the works on the Auchinleck and Ayr Branch of the Glasgow, Paisley, Kilmarnock, and Ayr Railway, in length about 14 miles. To be divided into two or more contracts.

For the execution of the works in connection with an extensive excavation at Edge Hill for the Grand Junction Railway Company.

APPROACHING SALES OF WOOD, &c.

BY AUCTION.

At Smockington, a quantity of capital ash and larch poles; also of ash, elm, and beech timber trees.

At Withybrook, a quantity of ash poles, and ash and elm timber trees.

At Willoughby, Warwick, 300 valuable oak, ash, elm, and other timber trees, now growing.

At Sandy, Bedfordshire, a fall of very choice straight larch and Scotch spruces.

At Audley End, Saffron Walden, about 400 timber trees, consisting of oak, ash, elm, beech, and sycamore, also a quantity of larch and ash poles.

At Halstead, numerous elm, ash, oak, willow, and fir trees.

At Brentwood, Essex, about 600 capital ash, birch, oak, elm, and alder poles and seconds of handsome growth.

At Madingley, near St. Ives, 300 lots of oak, ash, and elm timber trees, some of which are very large, also a quantity of useful poles.

At Highfield Waresley, Huntingdonshire, 260 elm and 120 ash trees, &c.

At Meldreth, Cambridgeshire, about 50 ash, elm, and other timber trees.

At Hinxton Hall, Cambridgeshire, a quantity of ash and other timber trees, including a palm tree, &c.

At Beaford, near Pershore, a considerable quantity of very capital timber, consisting of oak, elm, and ash trees, of large dimensions.

At Chewton Keynham, Somersetshire, 764 maiden oak, ash, and elm timber trees, of very superior quality and mostly of large dimensions.

At Horningsea, an extensive fall of ash, elm, willow, and poplar trees, also a quantity of excellent ash poles, elm and other spires, &c.

At Halse, Somerset, about 250 capital maiden oak, ash, and elm timber trees of long lengths and large dimensions, now growing.

TO CORRESPONDENTS.

"W. P. R."—The one arbitrator cannot appoint the umpire, nor proceed further in the reference. When two arbitrators are named with power to appoint an umpire, the first step should be to make that appointment. No act on their part is binding until that be done. Something of course will depend on the wording of the submission. Should the matter be brought into a court of law, the refusal of the one party to appoint an umpire after agreeing to the reference would tell strongly against his case.

"Pazzolana."—A correspondent wishes to know present price of pazzolana, in natural state and screened.

"J. L." (Bond-street).—The plan does not seem to have much advantage over Dr. Arnott's cat, and is much more difficult of execution.

"A. T. K."—It is impossible yet to say how the referees will view buildings brought under provisions of the Act, by not being completed before January 1st next. We are inclined to think that where they are found perfectly safe, and not directly contrary to the spirit of the Act, no great alterations will be called for. To his second inquiry we will give attention.

"L. O."—A district surveyor could refuse to permit use of artificial stone for external walls; although we know some have allowed its introduction. If the material be usual, the referees on application, would doubtless authorize the use of it.

"S. Henry."—The subject on which he has written is now less attractive than it was, and may be discontinued. We like his new proposal. If he will send us a specimen, we will then say how often we could receive it. Communications should reach us on the Wednesday.

"Architectural Modelling."—W. Burgess, of Oundle, models specimens of ancient architecture in stone, and offers his services to the Archaeological Societies. If he will send an example to our office, it shall be made public.

"E. M."—Rev. J. W. Pugh, Llandilo.

"Egg-Shaped Sewer," and "Court of Sewer."—Several useful communications on these subjects are unavoidably put aside, as they would occupy more space than we are able to devote to one subject.

"E. S." (Widbeck).—Thanks. It shall be engraved.

"X. Q. Z."—There is an Act in existence to prevent annoyance from the smoke of engine chimneys; whether or not it would apply to our correspondent's case we cannot judge from his letter.

"C. C."—The term "ashlar" applies to common or free stones as brought from the quarry, of different lengths and thicknesses. Also to the facing given to square stones on the front of a building.

"H. A. W." (Blackburn).—It is all lost to the work in question.

"D. E. J."—We have great confidence in the cement named. Before using it, it is absolutely necessary that the work be dry.

"C. W. P." "W. P." "A. J. G." (Sudbury). "Freemasons of the Church," next week.

•• Correspondents are requested to address all communications to the Editor.

Correspondents should bear in mind that THE BUILDER is published early on Friday morning. Communications which reach us later than Wednesday cannot appear till the following week.